CIVIL QUALITY CONSULTANTS AND ENGINEERS
PROJECT PLANNING/SCHEDULE

Clients Name : Executive Engineer , Electrical Division , Dasarahalli Zone
Project Name : Providing LED Street Lights/Control Switches/Control Wires at Dark/Vulnerable places in Ward No.12
Project Start Date : 5-May-22
Project End Date : 19-Jun-22
Project Length in Days : 45

Sl No	Assignment	Unit	Req Qnty	Start Date	End Date	No. of Working Days
1	Supply of LED Streetlight Luminaire with premium die cast aluminium housing body for optimal thermal dissipation Lamp compartment comprising of anti glare clear diffuser with Injection moulded [illegible] Housing Ho. 50000 hr @ Lumen Maintenance of 70% maximum light emission should be between 60 degrees to 70 degrees. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08, Power Factor >0.9 with mains, Surge Protection Min 5KV along with Over voltage / Overload, short circuit / mains wrong protection. Top access street light with angle screw to ensure ease of [illegible] Warranty of 2 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED manufacturer & Cree/Nichia/ Lumileds/Osram make LED Source.LED Streetlight 90 Watts	Each	180.00	6-May-22	15-Jun-22	40
2	Supplying and Fixing of mm dia class A GI pipe bracket up to 2 Mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 watts fluorescent tube street light fixing of all capacities to GI or CI or rail or RCC pole / wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires.Using 32mm dia G.I.Pipe	Nos	175.00	6-May-22	15-Jun-22	40
3	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating rat , complete (As per Civil SR KSRB 1.2. P 7)In soil (ordinary)	Mtrs	1000.00	13-May-22	15-May-22	2
4	Earthwork excavation for foundation of buildings,water supply,sanitary lines [illegible] width, in ordinary soil not exceeding 1.5 m. in depth including dressing the [illegible] and sides of pits and disposing the excavated soil clear from [illegible] complete as per specifications KSRB 2.11 .do Ordinary soil	Cum	16.75	16-May-22	18-May-22	2
5	KSRB 4.6.1 Providing and removing centering, shuttering, straining, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. gr.SO.3.16, I.Sec-4.36	Sq mtrs	32.40	19-May-22	21-May-22	2
6	KSRB Providing and laying in position plain cement concrete of nominal mix 1:4:8 with OPC @ 180Kgs,with using 40 mm and down size graded granite metal coarse aggregates and fine aggregates to 0.5Cum machine mixed concrete laid in layers not exceeding 15cm thick well compacted,in foundations and plinth,including cost of all materials labour,HOM machineries ,curing complete as per specifications.KBS 4.1.4.2	Cum	0.94	21-May-22	23-May-22	2

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Sl. No	Assignment	Unit	Req Qnty	Start Date	End Date	No. of Working Days
7	KSRR 4.9.2 Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position,lapping etc.(if or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design. Laps, hooks and wastage shall not be measured and paid) cost of materials, labourage, TROM of machinery complete as per specifications. Specification No: KSR 4.6.3 (12mm, 0.888rm & 16mm, 0.99kg/rm &) 150mm c/c	Kgs	582.48	24-May-22	27-May-22	3
9	Providing and laying cement concrete using 20 mm and down size granite coarse aggregate and fine aggregate of ready mixed concrete (RMC) M [illegible] following, curing, for raft foundation columns footing , main and secondary beams with all lead and lifts etc., complete, (exclusive [illegible]	Cum	8.10	28-May-22	30-May-22	2
	Supply of LED Streetlight luminaire with pressure die cast aluminum housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate material, delivering superior light output. Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008. LED Streetlight 120 Watts	Nos	75.00	25-May-22	1-Jun-22	4
10	Supply of LED Streetlight luminaire with pressure die cast aluminum housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate material, delivering superior light output. Rated life [illegible] Hr. 50,000 h @ Lumen Maintenance of 70%, maximum light intensity should be between 60 degrees to 70 degrees. Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008. LED Streetlight 150 Watts	Nos	105.00	3-Jun-22	7-Jun-22	4
	Fabricating, supplying and erection of ... Mtrs long hot dip Galvanized Octagonal pole with BSEN 10025 grade [illegible]					
	[illegible]					
	[illegible]					